

WHAT IS CLAIMED IS:

1. An image display apparatus comprising:  
a hermetic container including, as constructive  
members, a first substrate and a second substrate  
5 opposite to each other; and  
image display means disposed within said  
hermetic container,  
wherein a conductive bonding member for sealing  
said first substrate and said second substrate is  
10 disposed between said first substrate and said second  
substrate, and  
an electric potential of said conductive  
bonding member is specified.
- 15 2. An image display apparatus according to  
claim 1, wherein said conductive bonding member  
extends from a sealing area onto the surface of one  
of said first substrate and said second substrate  
outwardly of said hermetic container.
- 20 3. An image display apparatus comprising:  
a hermetic container including, as constructive  
members, a first substrate and a second substrate  
opposite to each other, and an external frame  
25 disposed between said first substrate and said second  
substrate; and  
image display means disposed within said

hermetic container,

wherein a conductive bonding member for sealing  
one of said first and second substrates and said  
external frame is disposed between one of said first  
5 substrate and said second substrate and said external  
frame, and

an electric potential of said conductive  
bonding member is specified.

10 4. An image display apparatus according to  
claim 3, wherein said conductive bonding member  
extends from a sealing area onto the surface of one  
of said first substrate and said second substrate  
outwardly of said hermetic container.

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5. An image display apparatus according to  
claim 3, wherein said conductive bonding member  
extends from a sealing area onto the surface of the  
other of said first substrate and said second  
20 substrate outwardly of said hermetic container.

6. An image display apparatus comprising:  
first and second substrates opposite to each  
other;

25 an external frame positioned between said first  
substrate and said second substrate;

a first conductive member positioned between

said external frame and said first substrate; and

a second conductive member positioned on a surface other than a surface (which will hereinafter be called an opposite surface), opposite to said first substrate, of said external frame and connected to said first conductive member,

wherein an electric potential of said first conductive member is specified with said second conductive member serving as an electric path.

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7. An image display apparatus according to claim 6, wherein said first conductive member is a member that actualizes at least one of bonding of said external frame to said first substrate and a hermetic connection between said external frame and said first substrate.

8. An image display apparatus according to claim 6, wherein said second conductive member is conductive to an electrode provided on said second substrate.

9. An image display apparatus according to claim 6, wherein said first substrate is a substrate positioned closer to a user side than said second substrate.

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10. An image display apparatus according to claim 6, wherein said second substrate is a substrate on which a plurality of wires for driving display elements are distributed.

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11. An image display apparatus according to claim 6, wherein at least one of said first substrate and said second substrate is a plate of which an outer shape is substantially rectangular,

10        said external frame is provided along this rectangular shape or provided substantially along such a shape that the rectangular shape is reduced inwards, and

      said second conductive member is positioned on  
15 the surface other than the opposite surface at a corner portion of the rectangular shape.

12. A method of manufacturing an image display apparatus having a hermetic containing including, as  
20 constructive members, a first substrate and a second substrate opposite to each other, and image display means disposed within said hermetic container, said method comprising:

      a step of disposing a conductive bonding member  
25 between said first substrate and said second substrate, and sealing said first substrate and said second substrate by heating said conductive bonding

member; and

a step of specifying an electric potential of said conductive bonding member.

5           13. A method of manufacturing an image display apparatus according to claim 12, wherein said electric potential specifying step is a step of connecting said conductive bonding member to a conductive member provided on said first substrate or  
10 said second substrate.

          14. A method of manufacturing an image display apparatus according to claim 12, wherein said electric potential specifying step is a step of  
15 connecting said conductive bonding member softened by heating in said sealing step to a conductive member provided on said first substrate or said second substrate.

20           15. A method of manufacturing an image display apparatus having a hermetic containing including, as constructive members, a first substrate and a second substrate opposite to each other, and an external frame disposed between said first substrate and said  
25 second substrate, and image display means disposed within said hermetic container, said method comprising:

a step of disposing a conductive bonding member between said first substrate and said second substrate, and sealing said first substrate and said external frame by heating said conductive bonding member; and

a step of specifying an electric potential of said conductive bonding member.

16. A method of manufacturing an image display apparatus according to claim 15, wherein said electric potential specifying step is a step of connecting said conductive bonding member to a conductive member provided on said first substrate or said second substrate disposed opposite to said first substrate.

17. A method of manufacturing an image display apparatus according to claim 15, wherein said electric potential specifying step is a step of connecting said conductive bonding member softened by heating in said sealing step to a conductive member provided on said first substrate or said second substrate disposed opposite to said first substrate.

18. A method of manufacturing an image display apparatus having a first substrate, a second substrate and an external frame provided between said

first substrate and said second substrate, said method comprising:

a connecting step of connecting said first substrate and said external frame to each other,

5        said connecting step including:

a step of disposing a connecting material for connecting said first substrate and said external frame to each other on or in leastwise one of a surface (which will hereinafter be called an opposite  
10 surface), opposite to said first substrate, of said external frame and an areal (which will hereinafter be called an opposite area), opposite to the opposite surface, of said first substrate; and

a heating step of connecting said first  
15 substrate and said external frame to each other through said connecting material by heating said connecting material in a state where said connecting material is positioned between said first substrate and said external frame, and leading said connecting  
20 material softened by heating to a surface other than the opposite surface of said external frame,

wherein said connecting material assumes a conductivity in a state where at least said heating step has finished.

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19. A method of manufacturing an image display apparatus according to claim 18, wherein said

heating step is a step of leading said connecting material to such a position as to be capable of being conductive to an electrode provided on said second substrate.

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20. A method of manufacturing an image display apparatus according to claim 18, wherein said heating step involves the use of at least one of a heating method utilizing radiation of electromagnetic waves and a heating method utilizing a heat conduction from a heat source.

21. A method of manufacturing an image display apparatus according to claim 18, wherein said step of disposing said connecting material on leastwise one of said first substrate and said external frame, involves disposing said connecting material in line within the opposite surface of said external frame or within said opposite area of said first substrate so that a line width of said connecting material widens towards a portion for leading said connecting material to the surface other than the opposite surface of said external frame.

22. A method of manufacturing an image display apparatus according to claim 18, further comprising a step of processing at least one of said external



frame and said first substrate so that said connecting material is led to the surface other than the opposite surface in a desired position.

5           23. A method of manufacturing an image display apparatus according to claim 18, further comprising a step of disposing an easy affinity member on leastwise one of said external frame and said first substrate, said easy affinity member being disposed  
10 in such a configuration that said connecting member is led to the surface other than the opposite surface in a desired position.

          24. A method of manufacturing an image display  
15 apparatus according to claim 18, wherein at least one of said first substrate and said second substrate is a plate of which an outer shape is substantially rectangular,

          said external frame is provided substantially  
20 along such a shape that the rectangular shape is reduced inwards, and

          said connecting material is led to the surface other than the opposite surface at a corner of the rectangular shape.

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